

Top Secret



DIRECTORATE OF
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Imagery Analysis Service Notes

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The IMAGERY ANALYSIS SERVICE NOTES is a periodic publication of the DDI Imagery Analysis Service, the departmental PI organization of CIA.

This publication highlights significant or timely intelligence items derived from photography.

The interpretations in this publication represent preliminary views which are subject to modification in the light of further information and more complete analysis.

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

IMAGERY ANALYSIS SERVICE NOTES NO. 20/69

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USSR

Photographic Evidence on the ABM Tracking and Guidance Radar

25X1D The tracking and guidance radars for the modified ABM launch system currently being developed at Sary Shagan Launch Complex D will apparently use parabolic dishes like those of the existing ABM system. Photography in [] shows that a 12-sided gridlike structure next to the large Try Add building at Complex D is a construction platform for the radome of a mechanically steered parabolic dish antenna, rather than the superstructure of an electronically steered antenna, which was one of the functions previously suspected.

25X1D A probable dish antenna has been installed on the small Try Add building at Launch Complex D since []. Its associated radome was assembled and lying on the ground next to the building in []. As yet, the third Try Add building at Complex D does not have an antenna installed and has undergone no modifications which can be seen.

(TOP SECRET RUFF)

25X1D

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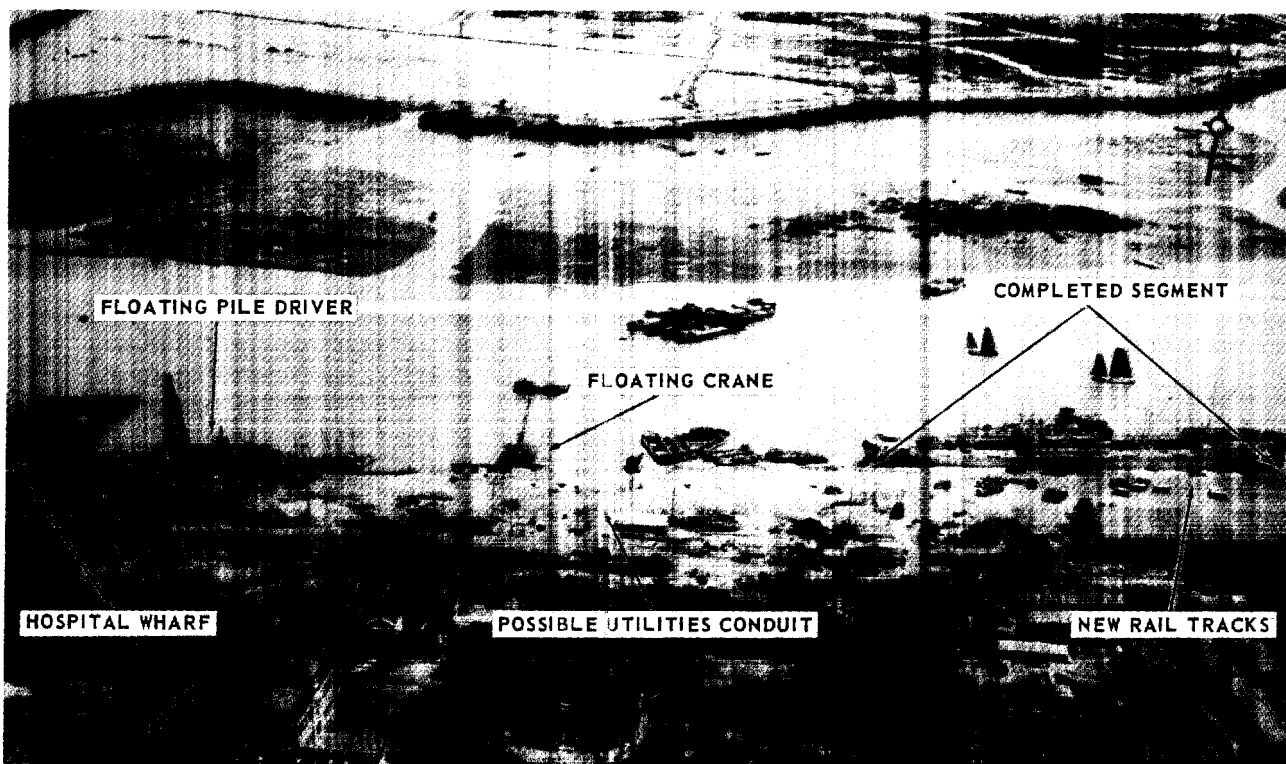
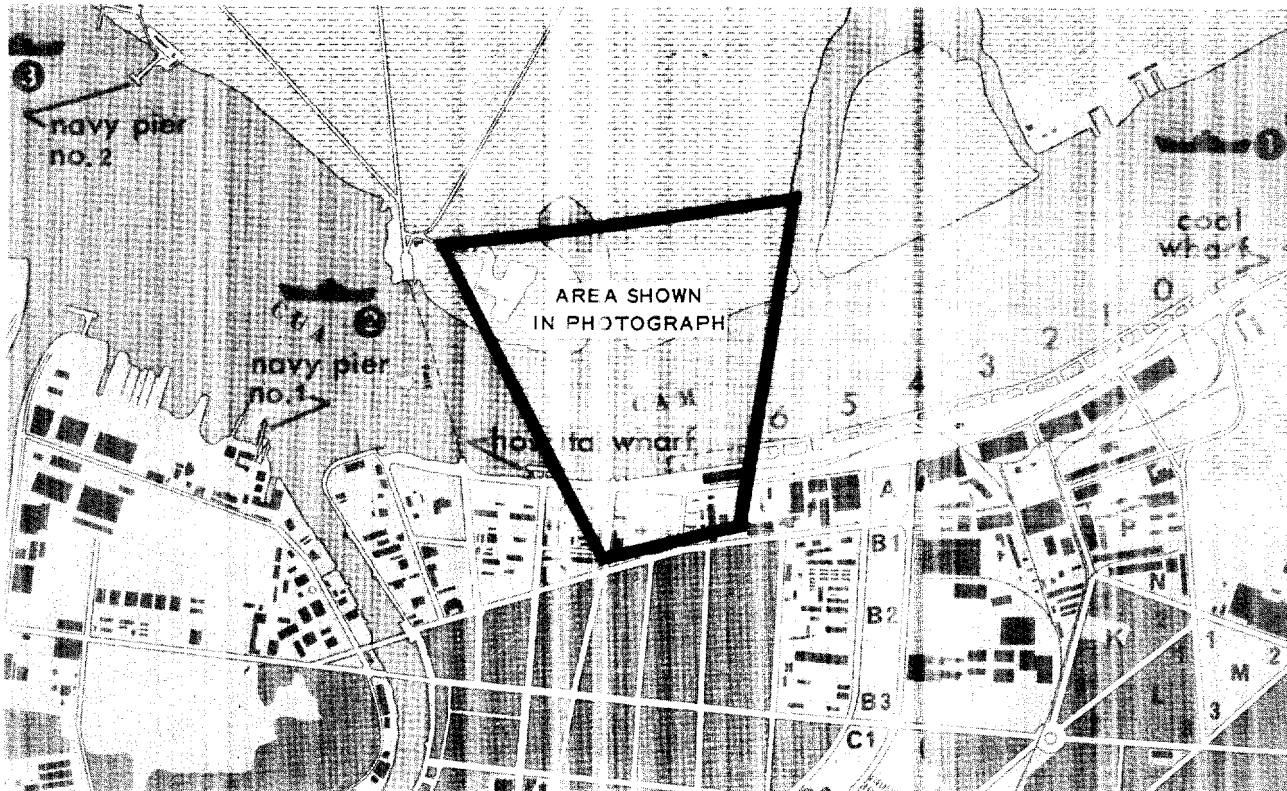


FIGURE 1. NEW QUAY UNDER CONSTRUCTION AT HAIPHONG, [REDACTED]

25X1D

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NORTH VIETNAM

25X1D

Port Improvements at Haiphong

25X1D

A new quay, approximately 1,300 feet long, has been under construction at the Haiphong port since [] and is now in partial use. When observed on photography in [] a 300-foot segment was nearing completion and a previously completed 500-foot portion was being used for unloading a ship. The remaining 500 feet of quay is still under construction (see Figure 1). When completed, the quay will provide at least three berths for oceangoing merchant ships in addition to the previously existing eight. (These eight berths do not include one berth at the coal wharf, which is being used only for coastal shipping.)

A set of parallel rails probably for a traveling overhead crane was first observed under construction on the apron of the quay in [] If installed, this would be the first such crane at the Haiphong port facilities and would reduce the cargo handling and turn-around time for merchant shipping. The crane would evidently be used in conjunction with two sets of meter-gauge tracks which were first seen under construction in March but are not connected to a rail line at present.

A ditch along the quay contains preformed concrete sections with removable covers. Conduits made of such sections are commonly used at Soviet ports to carry utility lines to ships at quayside.

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